Approved for use through 7/31/08. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

| substitute for form 1449A/PTO                 |   |    |   | Complete if Known      |                   |  |  |  |
|---|---|----|---|------------------------|-------------------|--|--|--|
|   |   |    |   | Application Number     | 10/757268         |  |  |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT |   |    |   | Filing Date            | January 13, 2004  |  |  |  |
|   |   |    |   | First Named Inventor   | Baldridge         |  |  |  |
|   |   |    |   | Art Unit               | 1724              |  |  |  |
| (use as many sheets as necessary)             |   |    |   | Examiner Name          | Barry, Chester T. |  |  |  |
| Sheet   | 1 | of | 1 | Attorney Docket Number | 700145.4003       |  |  |  |

| U.S. PATENT DOCUMENTS |           |  |                  |                             |  |  |  |
|-----------------------|-----------|--|------------------|-----------------------------|--|--|--|
| Examiner              |           | U.S. Patent Document                   | Publication Date | Name of Patentee or         |  |  |  |
| Initials              | Cite No.1 | Number-Kind Code <sup>2 (Fknown)</sup> | MM-DD-YYYY       | Applicant of Cited Document |  |  |  |
| CR                    | AA        | 2,320,479                              | 6/19/1939        | Sperti                      |  |  |  |
|                       | AB        | 3,404,068                              | 10/1/1968        | Battistoni                  |  |  |  |
|                       | AC        | 3,635,797                              | 1/18/1972        | Battistoni, et al.          |  |  |  |
|                       | AD        | 5,238,925                              | 8/24/1993        | Bentley                     |  |  |  |
|                       | AE        | 5,356,874                              | 10/18/1994       | Bentley                     |  |  |  |
|                       | AF        | 5,514,591                              | 5/7/1996         | Levin                       |  |  |  |
|                       | AG        | 5,714,169                              | 2/3/1998         | Levin                       |  |  |  |
|                       | AH        | 5,820,758                              | 10/13/1998       | Dale, et al.                |  |  |  |
|                       | Al        | 5,849,566                              | 12/15/1998       | Dale, et al.                |  |  |  |
|                       | AJ        | 5,885,950                              | 3/23/1999        | Dale, et al.                |  |  |  |
|                       | AK        | 5,897,928                              | 4/27/1999        | Sanders, et al.             |  |  |  |
| 43                    | AL        | 6,033,875                              | 3/7/2000         | Bussineau, et al.           |  |  |  |

|                             |    | OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS   |    |  |
|-----------------------------|----|---|----|--|
| Examiner Initials' Cite No. |    | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T² |  |
|                             |    | "Baker's Yeast Production" (Chap. 6, Pages 261-313)   |    |  |
| 1                           | BB | William D. Pandolfe, Ph.D., "Cell Disruption by Homogenization"   |    |  |
|                             | ВС | Donna J. Schlemm, et al. "Medicinal Yeast Extracts" Cell Stress and Chaperones (February 1999, 4 (3), Pages 171-176)  |    |  |
|                             | BD | J. Peter Bentley, Ph.D., et al. "Peptides From Live Yeast Cell Derivative Stimulate Wound Healing" Arch Surg (May, 1009, Vol. 124, Pages 641-646)   |    |  |
|                             | BE | Euan W. Low, et al. "Reducing Production of Excess Biomass During Wastewater Treatment" Wat. Res., (Vol. 33, No. 5, pp. 1119-1132, 1999)  |    |  |
|                             | BF | Euan W. Low, et al. "The Use of Chemical Uncouplers for Reducing Biomass Production During Biodegradation" Wat. Sci. Tech. (Vol. 37, No. 4-5, pp. 399-402, 1998)  |    |  |
| CB                          | BG | James B. Russell, et al. "Energetics of Bacterial Growth: Balance of Anabolic and Catabolic Reactions" Microbiological Reviews (March, 1995, pp. 48-62)   |    |  |

|                       |                 |  |   | <u> ユ</u> |   |                    |    | 1    |             |
|-----------------------|-----------------|--|---|-----------|---|--------------------|----|------|-------------|
| Examiner<br>Signature | CHESTERT. BARRY |  | V |           | 7 | Date<br>Considered | 91 | 26/0 | 06          |
|                       | 1 THAINGH EVICE |  |   |           |   |                    |    |      | <del></del> |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicants unique citation designation number (optional). <sup>2</sup>See Kinds of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is govern by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, Mail Stop Amendment, P.O. Box 1450, Alexandria, VA 22313-1450.